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ACADEMY OF SCIENCES USSR AWARDS
GOLD MEDALS AND IMENI PRIZES

In keeping with the policies of the Academy of Sciences USSR, at the 2 Feb-
 ruary 1950 meeting of the Academy of Sciences, announcement was made of several
 prizes awarded during 1949.

Academician S. I. Vavilov, president, Academy of Sciences USSR, awarded the
 medals and diplomas to the various scientists who had been honored and congratu-
 lated them on their achievements.

Academician A. V. Topchiyev, chief scientific secretary of the presidium,
 Academy of Sciences USSR reported the results of the competitions for the medals
 in 1949.

The Gold Medal imeni A. S. Popov was awarded to Academician B. A. Vvedenskiy
 for his excellent work in the field of radio physics and radio engineering.

The Gold Medal imeni I. I. Mechnikov for the years 1948 - 1949, was awarded
 to Academician Ye. N. Pavlovskiy for his research in the field of parasitology
 and to Academician K. I. Skryabin for his research in the field of helminthology.

The Gold Medal imeni A. P. Karpinskiy for the years 1948 - 1949, was awarded
 to Academician D. V. Nalivkin for achievements in scientific works and studies in
 the field of geology, particularly with respect to continuing and developing the
 theories introduced by Academician A. P. Karpinskiy, and to Academician D. S. Bel-
 yankin for achievements in the field of petrography.

The Gold Medal imeni V. V. Dokuchayev for the years 1948 - 1949 was awarded
 to Prof S. A. Zakharov (posthumously) for his scientific work in the field of
 soil studies as well as to N. A. Dima, Active Member, All-Union Academy of Agri-
 cultural Sciences imeni V. I. Lenin, for achievements in scientific work in the
 field of soil studies.

The P. L. Chebyshev Prize amounting to 20,000 rubles was awarded to N. I.
 Akhiyezer, Corresponding Member, Ural Affiliate, Academy of Sciences USSR for
 his work "Lectures on the Theory of Approximation."

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The A. D. Arkhangel'skiy Prize, valued at 10,000 rubles was awarded to Ye. N. Shchukina, Candidate of Geologicomineralogical Sciences for her work "Continental Tertiary Deposits in the Central Urals."

The F. P. Savarenskiy Prize, amounting to 10,000 rubles was shared by two people: N. G. Ignatovich, Doctor of Geologicomineralogical Sciences, for his work on the hydrogeography of the Russian Plateau and I. I. Trofimov, Candidate of Geologicomineralogical Sciences, for his work "Fundamentals of the Engineering Geology of Tadzhikistan."

The N. D. Papalevski Prize, amounting to 20,000 rubles, was shared by two people: L. M. Brekhovskikh, Doctor of Physicomathematical Sciences, for his works "Theory of the Propagation of Sound and Radio Waves in Layers," "Field of Diffraction of Electromagnetic Waves in the Problem of the Point Emitter," and "Reflection of Spherical Waves from a Plane Boundary between Two Media," and S. Z. Belen'kiy, Doctor of Physicomathematical Sciences, for his work "Shower Processes in Cosmic Rays."

The D. I. Mendeleev Prize for 1948 - 1949, amounting to 20,000 rubles, was awarded to each of the following: B. A. Arbuzov, Corresponding Member, Academy of Sciences USSR and V. S. Vinogradova, T. G. Shavsha and L. M. Guzhavina, Junior Scientific Associates for their work "The Use of Parachors and Dipole Moments in the Study of the Fine Structure of Some Organic Derivatives of Phosphorus, Boron, Nitrogen and Silicon"; A. D. Gel'man, Doctor of Chemical Sciences, for his work "Complex Compounds of Platinum with Unsaturated Molecules"; D. A. Frank-Kamenetskiy, Doctor of Physicomathematical Sciences, for his work "Diffusion and Heat Transfer in Chemical Kinetics"; and to P. P. Feofilov, Candidate of Physicomathematical Sciences, for his work on the structure of molecules and polarization of luminescence.

The D. I. Mendeleev Prize for 1948 - 1949, amounting to 10,000 rubles was awarded to each of the following: I. A. Kazarnovskiy, Corresponding Member, Academy of Sciences USSR, and S. I. Raykhshteyn, Candidate of Chemical Sciences, for their work "Higher Oxides of Potassium" and "Apparatus for Determining Dissociation Pressure"; A. I. Kitaygorodskiy, Doctor of Physicomathematical Sciences, for his work "The Fundamentals of Organic Crystal Chemistry"; and to M. B. Neyman, Doctor of Chemical Sciences, and B. A. Shushunov, Candidate of Chemical Sciences, for their work "Kinetic Method of Physicochemical Analysis."

The F. A. Bredikhin Prize, amounting to 10,000 rubles, was shared by two people: P. P. Parenago, Doctor of Physicomathematical Sciences, for his work "Structure of the Galaxies," and Prof N. V. Tsimmerman (posthumously) for his work "Catalog of 2,957 Bright Stars with a Declination from -10 Degrees to + 90 Degrees."

The I. I. Mechnikov Prize, amounting to 50,000 rubles, was awarded to Prof N. I. Latyshev for his work on skin Leishmaniasis.

The I. I. Mechnikov Prize, amounting to 25,000 rubles, was awarded to Prof G. K. Khrushchov for his work "The Role of the Erythrocytes in the Restorative Processes in Cells."

The A. P. Karpinskiy Prize, amounting to 25,000 rubles was shared by two people: D. S. Korzhinskiy, Corresponding Member, Academy of Sciences USSR for his work "Bimetasomatic Phlogopit and Lazurit Occurrences in Archean Rock Strata in the Vicinity of Lake Baykal" and B. F. D'yakov for his works on geology.

The I. P. Pavlov Prize, amounting to 20,000 rubles, was awarded each for 1948 to G. V. Gershuni, Doctor of Medical Sciences, for his work "Studies of the Subsensory Reactions in the Activity of the Organs of Sense," "Studies

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of Sensations and other Reactions of the Central Nervous System of Man Produced by Exterior Stimuli," and "Range of Action of Nonperceptible Sound Stimuli"; and to M. V. Sergiyevskiy, Doctor of Medical Sciences, for his work "Regulation of Respiration." For 1949 it was shared by two people: A. V. Kipyakov, Corresponding Member, Academy of Medical Sciences USSR for his work "Sympathetic Nervous System and Chromaffin Tissues" and E. Sh. Ayrapet'yants, Candidate of Biological Sciences, for his work "Interoceptive Conditioned Reflex."

The A. Ye. Fersman Prize, amounting to 10,000 rubles, was awarded to E. M. Bonshtedt-Kupletskaya, Doctor of Geologicomineralogical Sciences, for work on pegmatites.

The L. I. Mandel'shtam Prize in Physics, amounting to 20,000 rubles, was shared by two people: I. L. Bershteyn, Candidate of Physicomathematical Sciences, for his work "Fluctuations of the Amplitude and Phases of a Tube Generator" and A. I. Akhiyezer, Doctor of Physicomathematical Sciences, and A. Ya. Pomeranchuk for their work "Some Problems of Nuclear Theory."

The B. G. Galerkin Prize, amounting to 10,000 rubles, was awarded to V. M. Panferov, Doctor of Physicomathematical Sciences, for his works "General Methods of Solving Problems of Plasticity and Some of Their Applications," "Axisymmetrical Deformation of a Semi-Infinite Cylindrical Shell," and "The Difficulty of the Method of Elastic Solutions in the Theory of Plastic Elastic Deformation of Shells."

The P. I. Stepanov Prize, amounting to 20,000 rubles, was awarded to Z. V. Yergol'skiy, Doctor of Geologicomineralogical Sciences, (posthumously) for his work "Technique of Petrographic Investigations of Coal Deposits With the View of Determining the Quality of the Coal."

The N. S. Kurnakov Prize, amounting to 10,000 rubles, was awarded to S. A. Pogodin, Doctor of Chemical Sciences, and V. Ya. Anosov, Candidate of Chemical Sciences, for their work "Fundamentals of Physicochemical Analysis."

By decision of the presidium of the Academy of Sciences USSR, the Gold Medal imeni V. V. Dokuchayev which had been awarded to Prof S. A. Zakharov as well as the diploma accompanying it were transmitted to the Central Museum of Soil Studies imeni V. V. Dokuchayev for safekeeping.

On request of Academician S. I. Vavilov, the members attending the meeting rose from their seats to commemorate the death of Prof S. A. Zakharov. They also commemorated the death of Prof N. V. Tsimmerman and Z. V. Yergol'skiy, Doctor of Geologicomineralogical Sciences, who had been awarded posthumous prizes conferred by the Academy of Sciences USSR.

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